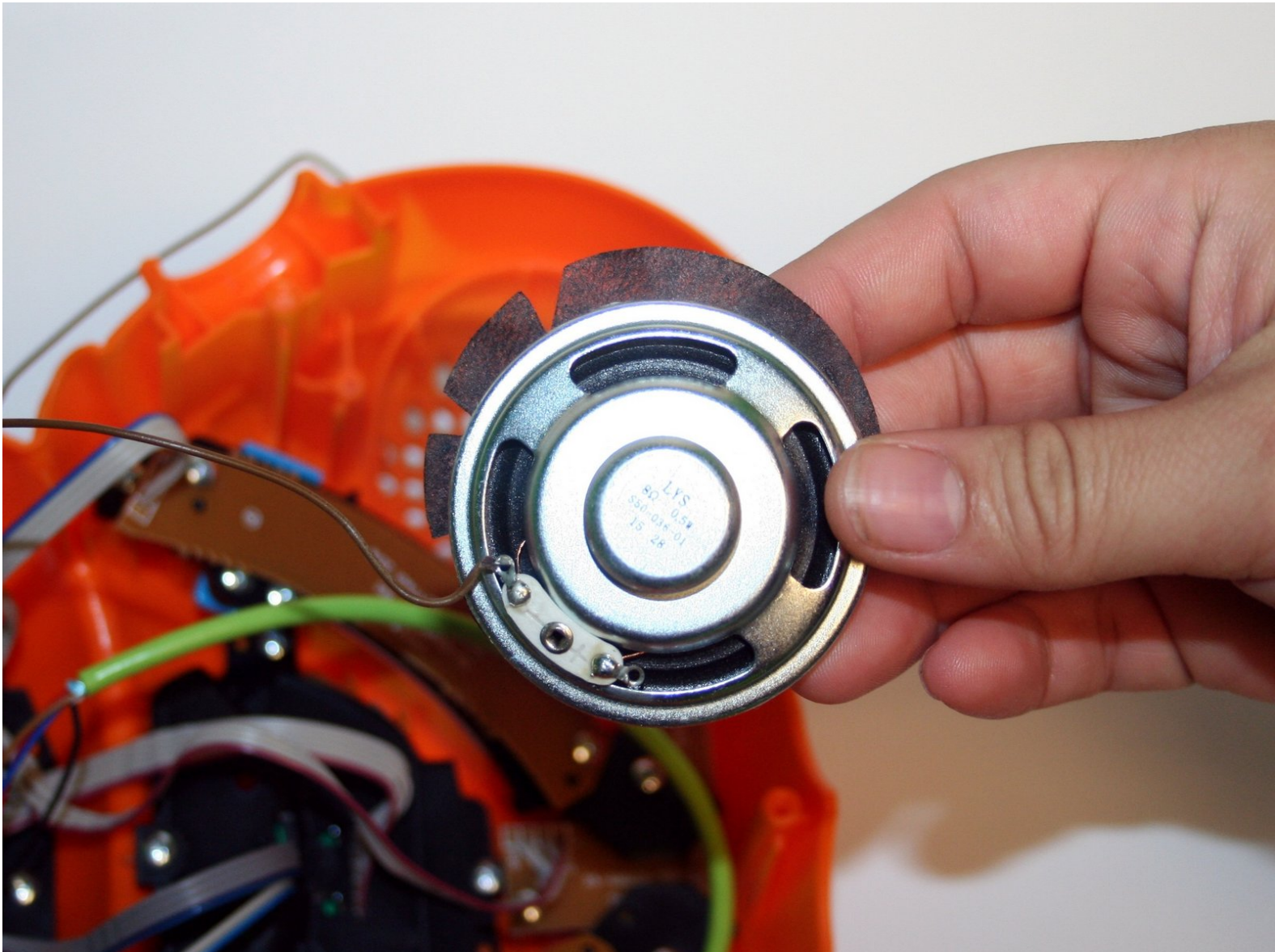




# VTech Learning Tunes Karaoke Speaker Replacement

This guide will show you how to disassemble the faulty speaker and replace it with a new one.

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## INTRODUCTION

Is the sound not audible and/or distorted? This guide may help in finding a solution to fix the problem.

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### TOOLS:

- [Soldering Workstation](#) (1)
  - [Phillips #2 Screwdriver](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
  - [Flathead Screwdriver](#) (1)
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## Step 1 — Speaker



- To remove the battery door, loosen the screw using a Flathead screwdriver.

ⓘ A coin can also be used to loosen the screw.

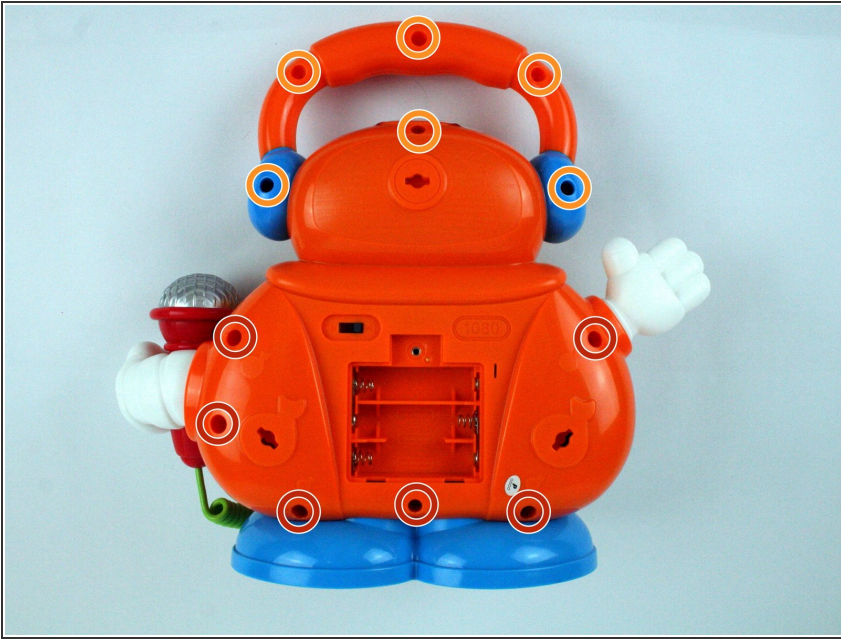
## Step 2



- Remove the battery door and take out the batteries.

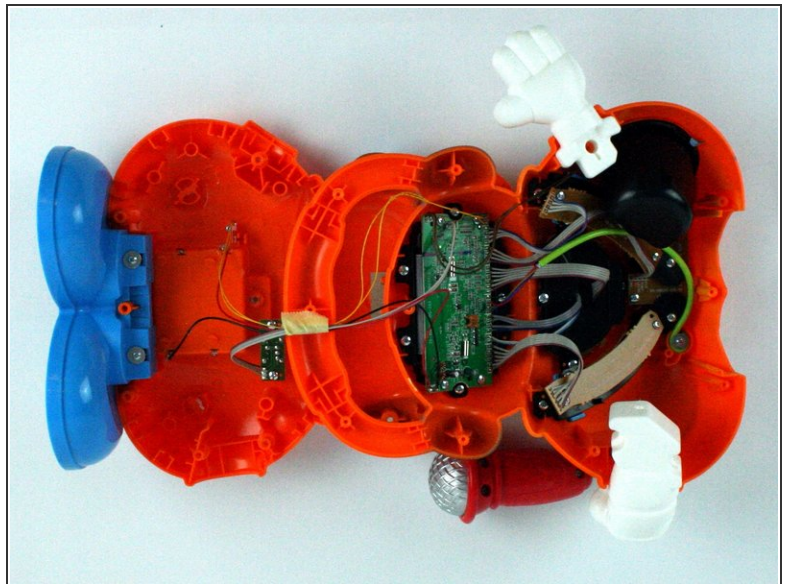


### Step 3



- Remove the six 9.5 mm Phillips #2 screws.
- Remove the six 6.0 mm Phillips #2 screws.

### Step 4



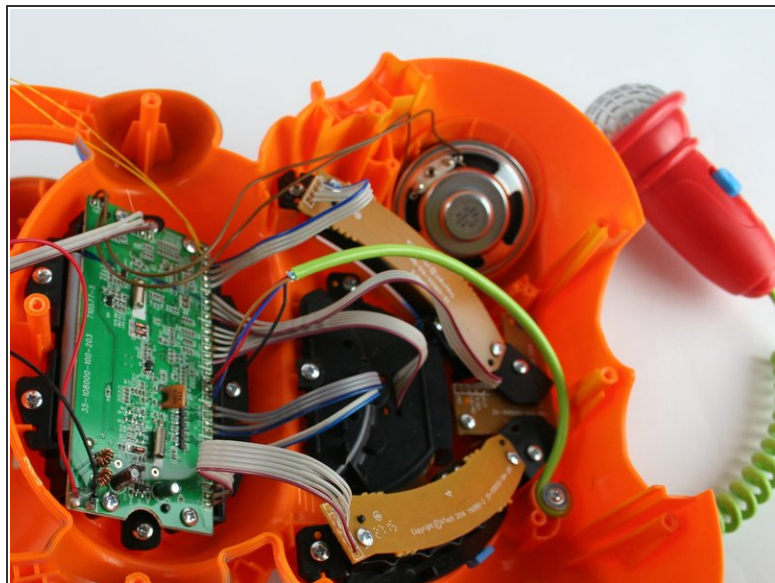
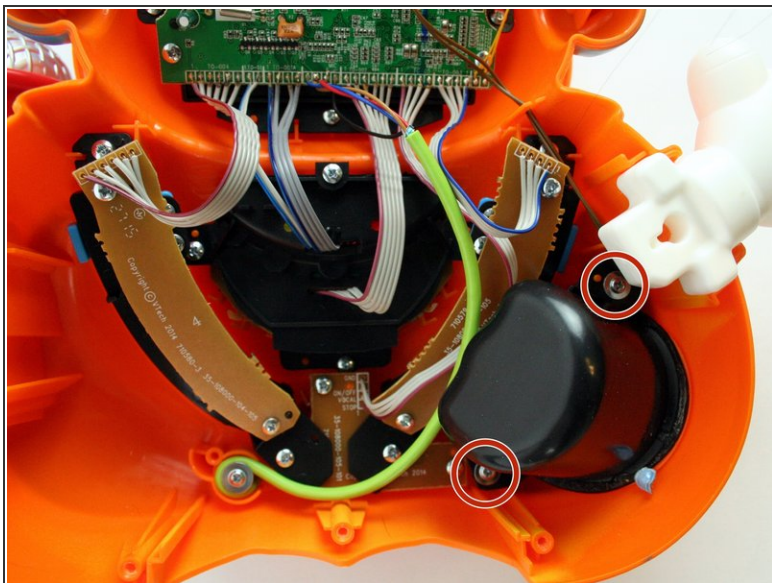
- Gently pull up on the rear panel.

⚠ Be careful to not pull on the wire connections.

- Carefully place the back panel underneath the top panel with the tops facing each other, as shown in the picture.

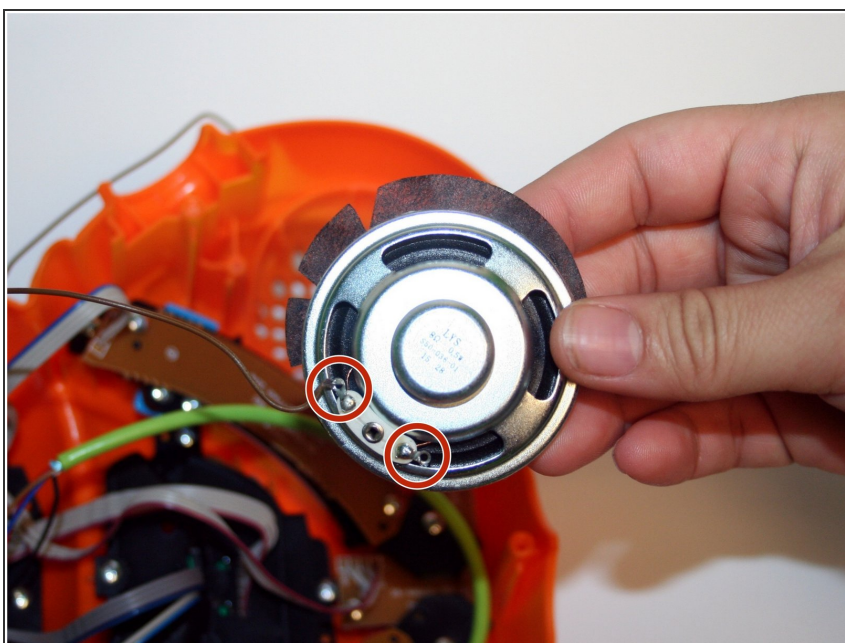
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## Step 5



- Remove two 7.9 mm Phillips #1 screws on the speaker cover.
- After removing the screws, remove the black plastic speaker cover to expose the speaker.

## Step 6



- Desolder the speaker at the solder points to remove.
- Learn more about soldering and desoldering connections [here](#).

To reassemble your device, follow these instructions in reverse order.